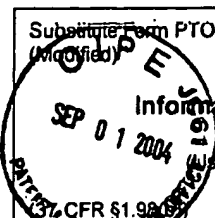


Substitute Form PTO-1449 (Unmodified) 	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10225-003003	Application No. 10/728,698
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Presley Hays et al.	
		Filing Date December 5, 2003	Group Art Unit 2625

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/KP/	AA	3,824,393	07/16/1974	Alfred E. Brain			
	AB	3,851,972	12/03/1974	Smith et al.			
	AC	4,011,004	03/08/1977	Levine et al.			
	AD	4,196,265	07/01/1980	Koprowski et al.			
	AE	4,249,825	02/1981	Shapiro			
	AF	4,342,905	08/03/1982	Fujii et al.			
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	AH	4,513,438	04/23/1985	Graham et al.			
	AI	4,612,614	09/1986	Deindoerfer et al.			
	AJ	4,656,594	04/07/1987	Ledley			
	AK	4,673,973	06/16/1987	Ledley			
	AL	4,700,298	10/13/1987	Palcic et al.			
	AM	4,741,043	04/1988	Bacus			
	AN	4,945,220	07/31/1990	Mallory et al.			
	AO	4,965,725	10/1990	Rutenberg			
	AP	4,991,223	02/05/1991	Bradley			
	AQ	5,003,165	03/26/1991	Sarfati et al.			
	AR	5,008,185	04/1991	Bacus			
	AS	5,018,209	05/1991	Bacus			
	AT	5,051,816	09/1991	Harrison et al.			
	AU	5,068,909	11/26/1991	Rutherford et al.			
	AV	5,085,325	02/04/1992	Jones et al.			
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	AX	5,123,055	06/1992	Kasdan			
	AY	5,202,931	04/13/1993	James W. Bacus			
	AZ	5,233,684	08/03/1993	Ulichney et al.			
↓	AAA	5,254,845	10/19/1993	Burgess et al.			

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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	ACC	5,268,966	12/07/1993	Harvey L. Kasdan			
	ADD	5,287,272	02/15/1994	Rutenberg et al.			
	AEE	5,317,140	05/1994	Dunthorn			
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	AGG	5,333,207	07/26/1994	Mark R. Rutenberg			
	AHH	5,338,924	08/16/1994	Barrett et al.			
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	APP	5,469,353	11/21/1995	Pinsky et al.			
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	ARR	5,481,401	01/02/1996	Kita et al.			
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	AUU	5,526,258	06/11/1996	Bacus			
	AVV	5,533,628	07/09/1996	Tao			
	AWW	5,583,666	12/10/1996	Ellson et al.			
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	AYY	5,602,941	02/11/1997	Charles et al.			
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	AEEE	5,690,892	11/25/1997	Babler et al.			
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	AGGG	5,701,172	12/23/1997	Azzay			
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	AOOO	5,846,749	12/08/1998	Slamon et al.			
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	AQQQ	5,854,851	12/29/1998	Bamberfer et al.			
	ARRR	5,867,598	02/02/1999	Ricardo L. de Queiroz			
	ASSS	5,877,161	03/02/1999	Riabowol			
	ATTT	5,880,473	03/09/1999	Ginestet, Jacques			
	AUUU	5,888,742	06/27/1999	Lal et al.			
	AVVV	5,889,881	03/30/1999	Macaulay et al.			
	AWWW	5,911,003	06/08/1999	Richard A. Sones			
	AXXX	5,911,327	06/15/1999	Tanaka et al.			
	AYYY	5,966,309	10/12/1999	O'Bryan et al.			
	AZZZ	5,966,465	10/12/1999	Keith et al.			
	AAAAA	6,006,191	12/21/1999	Andrew L. DiRienzo			
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(37 CFR §1.98(b))			

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/KP/	ADDDD	6,031,929	02/29/2000	Maitz et al.			
	AEEEE	6,058,322	05/02/2000	Nishikawa et al.			
	AFFFF	6,072,570	06/06/2000	Chipman et al.			
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	AHHHH	6,101,265	08/08/2000	Bacus et al.			
	AIIII	6,117,985	09/12/2000	Thomas et al.			
	AJJJJ	6,122,400	09/2000	Reitmeier			
	AKKKK	6,125,194	09/26/2000	Yeh et al.			
	ALLLL	6,141,602	10/31/2000	Igarashi et al.			
	AMMMM	6,151,535	11/21/2000	Ehlers			
	ANNNN	6,169,816	01/02/2001	Ravkin, Ilya			
	AOOOO	6,215,892	04/10/2001	Douglass et al.			
	APPPP	6,215,894	04/10/2001	Zeleny et al.			
	AQQQQ	6,225,636	05/01/2001	Ginestet, Jacques			
	ARRRR	6,226,392	05/01/2001	Bacus et al.			
	ASSSS	6,226,636	05/01/2001	Abdel-Mottalep et al.			
	ATTTT	6,236,031	05/22/2001	Mitsunori Ueda			
	AUUUU	6,238,892	05/29/2001	Mercken et al.			
	AVVVV	6,259,807	07/10/2001	Ravkin, Ilya			
	AWWWW	6,281,874	08/28/2001	Sivan et al.			
	AXXXX	6,290,907	09/18/2001	Takahasi et al.			
	AYYYY	6,313,452	11/06/2001	Paragano et al.			
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	AAAAAA	6,418,236	07/09/2002	Ellis et al.			
	ABBBBB	6,466,690	10/15/2002	Bacus et al.			
	ACCCCC	2002/0164810	11/07/2002	Dukor et al.			
V	ADDDD	2002/0067409	06/06/2002	Hararai et al.			

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							Yes	No
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	AHHHHH	0557871	09/01/1993	EPO				
	AIHHH	0713086	05/22/1996	EPO				
	AJJJJJ	3735091	04/28/1998	Germany				
	AKKKKK	3340647	05/23/1985	Germany				
	ALLLLL	92/17848	10/15/1992	WIPO				
	AMMMMM	97/20198	06/05/1997	WIPO				
	ANNNNN	00/49391	08/24/2000	WIPO				
	AOOOOO	01/37206	05/25/2001	WIPO				
↓	APPPPP	03/014795	02/20/2003	WIPO				

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/KP/	AQQQQQ	Ballard, D.H., et al. "Computer Vision" <i>Prentice-Hall, Inc., Englewood Cliffs, NJ</i> 07632 pp. 65-70 and 149-165 (1982)
	ARRRRR	Bander, N.H., "Monoclonal Antibodies to Renal Cancer Antigens", Vol. 18, Supp. 2, pp. 10-12, 1990. Abstract
	ASSSSS	Duda R.O., et al. "Pattern Classification and Scene Analysis" <i>J. Wiley & Sons, Inc.</i> pp. 228-239 and 276-284 (1973)
	ATTTTT	McKeough et al., "A Low-Cost Automatic Translation and Autofocusing Systems for a Microscope", <i>Measurement Science and Technology, IOP Publishing, Bristol, GB</i> , Vol. 6, NO. 5, pp. 583-587, May 1, 1995
	AUUUUU	Roca et al., "New Autofocusing Algorithm for Cytological Tissue in a Microscopy Environment", <i>Optical Engineering, Soc. Of Photo-Optical Instrumentation Engineers, Bellingham, US</i> , Vol. 37, No. 2, pp. 635-641, February 1, 1998
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Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Presley Hays et al.	
		Filing Date December 5, 2003	Group Art Unit 2625
(37 CFR §1.98(b))			

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	AAAAAAA	ChromaVision, "Products", http://www.chromavision.com/products/index.htm
	ABBBBBB	Pratt, William K., "Digital Image Processing, 2 nd Edition," A Wiley-Interscience Publication, 1991
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	ADDDDDD	Ledley, R.S. et al., "Fundamentals of True-Color Image Processing", IEEE, pp. 791-795, 1990
	AEEEEEE	Mize, R. Ranney et al., "Quantitative immunocytochemistry using an image analyzer. I. Hardware evaluation, image processing, and data analysis", Journal of Neuroscience Methods, 26 (1988) 1-24
	AFFFFFFF	Caulet S. et al., "Comparative Quantitative Study of Ki-67 Antibody Staining in 78 B and T Cell Malignant Lymphoma (ML) Using Two Image Analyser Ssystems", Path. Res. Pract. 188, 490-496 (1992)
	AGGGGGG	Goldschmidt, R.A. et al., "Automated Immunohistochemical Estrogen Receptor Staining and Computerized Image Analysis-Comparison with Biochemical Methods", Supplied by the British Library - "The world's knowledge" www.bl.uk
	AHHHHHH	Gross, Douglas S. et al., "Quantitative Immunocytochemistry of Hypothalamic and Pituitary Hormones: Validation of an Automated, Computerized Image Analysis System", The Journal of Histochemistry and Cytochemistry, Vol. 33, No. 1, pp. 11-20, 1985
	AIIIIII	Maudelonde, T. et al., "Immunostaining of Cathepsin D in Breast Cancer: Quantification by Computerised Image Analysis and Correlation with Cytosolic Assay", Eur T Cancer, Vol. 28A, No. 10, pp. 1686-1691, 1992
	AJJJJJJ	Aziz, Douglas C., "Quantitation of Estrogen and Progesterone Receptors by Immunocytochemical and Image Analyses", Anatomic Pathology, From Cytometrics, Inc., Division of Specialty Laboratories, pp. 105-111, July 1991
	AKKKKKK	Unnerstall, James R. et al., "New Approaches to Quantitative Neuropathology: Multivariate Analysis of Morphologic and Neurochemical Measures", Neurobiology of Aging, Vol. 8, pp. 567-569, Pergamon Journals Ltd., 1987
	ALLLLLL	Schultz, Daniel S., et al., "Comparison of Visual and CAS-200 Quantitation of Immunocytochemical Staining in Breast Carcinoma Samples", Analytical and Quantitative Cytology and Histology, Vol. 14, No. 1, Feb. 1992
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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10225-003002	Application No. Unassigned 10/728698
	Applicant Presley Hays et al.		
	Filing Date Herewith	Group Art Unit Unknown	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
/KP/	AA	4,125,828	11/14/78	Resnick et al.	340	146.3	
	AB	4,939,240	07/03/90	Chu et al.	530	387	
	AC	5,016,173	05/14/91	Kenet et al.	364	413.13	
	AD	5,231,580	07/27/93	Cheung et al.	364	413.13	
	AE	5,499,097	03/12/96	Ortyn et al.	356	372	
	AF	5,428,690	06/27/95	Bacus et al.	382	128	
	AG	6,040,139	03/21/00	Bova	435	6	
V	AH	6,069,242	05/30/00	Zavada et al.	536	24.31	

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AI							
	AJ							
	AK							
	AL							
	AM							

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	AO	
	AP	
	AQ	

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